HDMI Splitter and extender by cat5e/6 （1*4)

Model: LM-HT0105

USER MANUAL

1、Introduction

This extender can extend and connect one HD Source to four HD Displays or Projectors by four pieces of cat6/7 at the same time. The extending distance can reach 60m. This extender meets the needs of multi-route and low-cost HD Signal long distance transmission well.

The production equipment company providing solutions for the following applications: such as noise, limited transmission distance and safety of the place, data center control, information distribution, conference room presentations and teaching environment and corporate training sites.

Our devices offers solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

2、FEATURES

- One HDMI input distribute and extend to found Display by four cat6/7 cable. The extend distance can be up to 60m.
- Support HDMI 1.3 protocol
- HDCP 1.2 protocol compliant
- Study EDID function，Support 3D
- Support HDMI local output.
- Support video input : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
- Signal transmission: Single cat5e or cat6(recommended) cable up to 60 meters
- Support video output : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
- Audio format support : DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD.
- Support up to 5metres AWG26 cable length between extender and source & sink device
- No loss of quality

3、SPECIFICATIONS

Every port Length of CAT6 cable between Rx and TX	Up to 60 metres
HDMI Input	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio format input	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
HDMI Output	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio format output	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
Max transmission bandwidth	6.75Gbps
Input Video signal	0.5~1.5Volts p-p

Output DDC signal	5Volts p-p (TTL)
Input/Output HDMI1.3 cable distance	.≤20m AWG26 HDMI 1.3 standard cable
Max working current	400mA
Power adapter format	Input:AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1 A
Operating Temperature range	(-15 to +55℃)
Operating Humidity range	5 to 90%RH (No Condensation)
Dimension TX (L x W x H)	155*105.2*25mm
Dimension RX (L x W x H)	82*69*25mm*4
Gross weight	0.7kg*4
BoxDimension(LXWXH)	250X220X60(毫米)*3

4、Package Contents

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

1) Main unit No. 1 Sender
2) Main unit No. 4 Receiver
3) 5 pieces of 5V DC Power Supply.
4) User’s Manual

5、 CONNECTING AND OPERATING

1、 Connect one HDMI 1.3 cable up to 20 metres between source device and TX Extender.

2、 Connect one HDMI 1.3 cable up to 20 metres between sink device and RX Extender

3、 Connect single cat6 or cat-6(recommended) cables up to 60 metres instead of HDMI cable between TX and RX Extender

4 、Connect 5V power supply to the HDMI RX&TX Extender

5、 Learning EDID, the display device connected to the TX, long press for 3 seconds EDID, status indicator light flashing, copy is complete, (note: if there is no access to display devices, will restore the system default EDID)